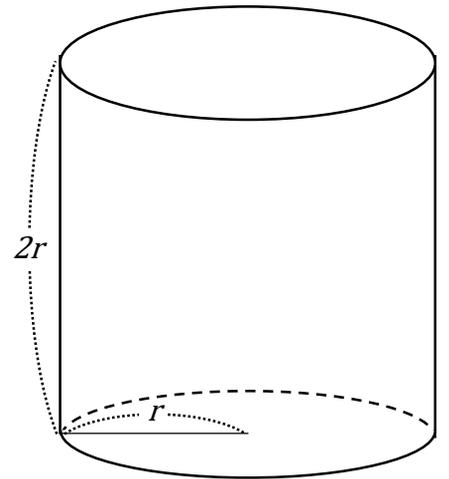
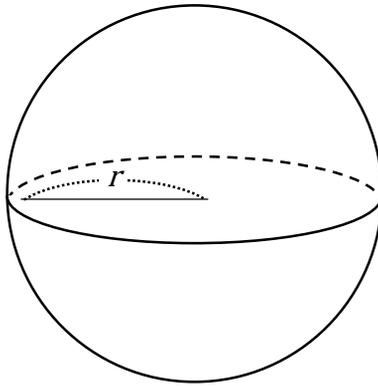
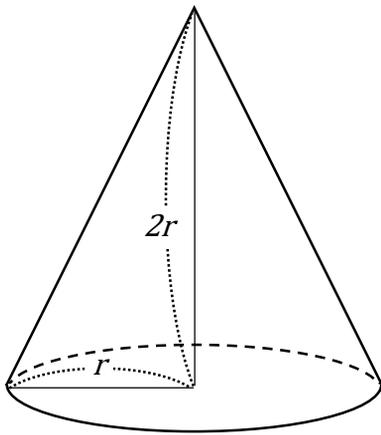
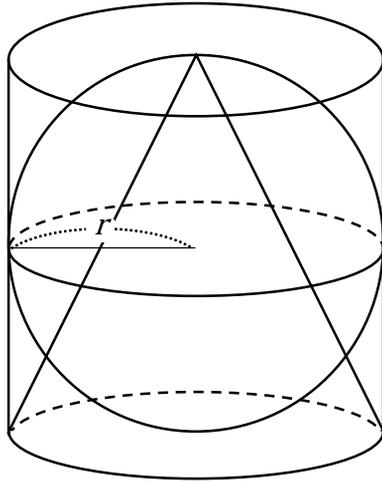


# 円錐・球・円柱の体積



$$\pi r^2 \times 2r \times \frac{1}{3} \quad : \quad \frac{4}{3} \pi r^3 \quad : \quad \pi r^2 \times 2r$$

$$= \frac{2}{3} \pi r^3 \quad : \quad \frac{4}{3} \pi r^3 \quad : \quad 2\pi r^3$$

$$= 1 \quad : \quad 2 \quad : \quad 3$$

$$( 1 + 2 = 3 )$$

アルキメデス（紀元前287年～212年）が発見